

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(chemical or biochemical ) reaction modelling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L2	15	reaction modelling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L3	39	reaction modeling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L4	14	(chemical or biochemical ) reaction modeling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L5	14	(chemical or biochemical or biological) reaction modeling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L6	21	(chemical or biochemical or biological) system modeling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L7	1052	systems biology	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L8	46	L7 with modeling and reactions	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L9	2	("20020022947").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/07/27 14:51
L10	122	(biological mathmatics) or biomathmatics or (mathematical biology)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L11	164	(biological mathematics) or biomathematics or (mathematical biology)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L12	125	L10 or L11 and (chemical reaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51

L13	4	("20030009099"   "20030115032"   "5930154"   "6219440").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2011/07/27 14:51
L14	307	metaboli\$4 with simulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L15	55	L14 and annotation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L16	0	L14 and user comments	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L17	28	L14 and comment\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L18	21	((JOSEPH) near2 (HICKLIN)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/07/27 14:51
L19	7	((EDWARD) near2 (GULLEY)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/07/27 14:51
L20	11	((RICARDO) near2 (PAXSON)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/07/27 14:51
L21	121	PAXSON.INV.	US-PGPUB; USPAT	ADJ	ON	2011/07/27 14:51
L22	87	GULLEY.INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2011/07/27 14:51
L23	239	PAXSON.INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L24	128	GULLEY.INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L25	120	HICKLIN.INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L26	453	L18 or L19 or L20 or L23 or L24 or L25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L27	1297	(modeling and simulation and model).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L28	0	s L26 and L27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L29	6668	(simulation and model).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51

L30	10	L26 and L29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L31	0	(tabular view) with chemical reaction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L32	37	(user interface) with (chemical reaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L33	1	("5,826,065").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/07/27 14:51
L34	1282	user annotation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L35	1645463	model or simulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L36	226416	chemical reaction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L37	3	L34 and L35 and L36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L38	0	L34 with L35 and L36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L39	22	L34 with table	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L40	83831	(table or tabular) near5 view	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L41	963	chemical reaction with model	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L42	4	L40 and L41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L43	18	reaction table and specie table	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L44	941	specie table	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51

L45	12	L44 and L41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L46	164	(biological mathematics) or biomathematics or (mathematical biology)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L47	0	L46 and data aquisition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L48	0	pathway reconstruction and data aquisition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L49	27	pathway reconstruction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L50	0	metabolic reconstruction and data aquisition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L51	43	metabolic reconstruction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L52	0	(biological or biochemical) with recontruction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L53	925	(biological or biochemical) with reconstruction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L54	118	L53 and data acquisition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L55	1645463	model or simulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L56	226416	chemical reaction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L57	51228	L55 and L56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L58	187436	data acquisition or ((hardware or instrument or microarray)near5 (integration or interface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L59	3346	L57 and L58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	ADJ	ON	2011/07/27 14:51

			IBM_TDB			
L60	2711	L59 and (Biology or cell or biochemical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L61	212	L60 and ((graphical user interface)or GUI)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L62	0	L60 and comparison with (indication near10 difference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L63	131	L60 and comparison with (predetermined)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L64	234616	((chemical or biochemical)adj reaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L65	395	((chemical or biochemical)adj reaction) with simulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L66	4	L65 and (threshold with difference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L67	0	L65 and (threshold with confidence)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L68	226416	chemical reaction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L69	262	L68 and (threshold with confidence)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L70	1645463	model or simulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L71	51228	L70 and L68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L72	250	L71 and (threshold with confidence)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L73	1027	biological and simulation and "process control"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/07/27 14:51
L74	73	L73 and dynamic simulation	US-PGPUB; USPAT;	ADJ	ON	2011/07/27

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:51
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EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L75	23	((JOSEPH) near2 (HICKLIN)).INV.	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/07/27 14:51
L76	14	((RICARDO) near2 (PAXSON)).INV.	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/07/27 14:51
L77	124	PAXSON.INV.	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/07/27 14:51
L78	79	GULLEY.INV.	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/07/27 14:51
L79	53	HICKLIN.INV.	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/07/27 14:51
L80	14	((EDWARD) near2 (GULLEY)).INV.	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/07/27 14:51

7/ 27/ 2011 3:12:44 PM  
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